

FACULTY PROFILE



Name of the Staff : Dr.S.Geetha
Official Address with E-mail Id : Assistant Professor (SG)
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Mobile Number : 9940999848

Age : 48

Date of Birth : 07.05.0973

Sex & Marital Status : Female & Married

Citizenship : Indian

Qualification :

Degree	Programme and Specialisation	Class/C GPA	Month and Year of passing	Institute/ University
B.Sc	Mathematics	First	1993	CAUVERY College, Trichy / Bharathidasan University
M.Sc	Mathematics	First	1995	BISHOP HEBER College, TRICHY / Bharathidasan University
M.Phil	Mathematics	Second	2008	Madurai Kamaraj University
B.Ed	Mathematics	First	1998	Annamalai University
Ph.D	Fuzzy Queueing Theory		2021	Madurai Kamaraj University

Date of joining: 19.06.2000

Present status: Assistant Professor (SG)

Professional Experience:

Designation	Institution/Organisation	Period	Nature of Duties
Lecturer	National Engineering College	19.06.2000 to 31.05.2008	Teaching
Assistant Professor (SG)		01.06.2008 to till date	

Courses taught:

Course Title	UG or PG
Mathematics I, Mathematics II, Transforms and PDE, PQT, Random Processes & Numerical Methods, Statistics & Numerical Methods, Matrices & Differential Calculus, Integral Calculus & Transforms, Mathematical Foundation for Engineers, Probability & Statistics, Computational Methods with Algorithms.	UG
Numerical methods & Graph theory, Applied Mathematics for Electrical Engineers, Applied Mathematics for Communication Engineers, Operations Research	PG

1. Short term Courses / Seminars / Conference/ Workshops Attended:

S.No	Title	Period	No of Participants	Venue
	MATHSEM - 2001 State Level Seminar on applications of Mathematics	2days 29-30 th March -2001	40	Thiagarajar College of Engineering, Madurai
	Recent Research Developments in Mathematics State Level Seminar	1 day 11 th Feb - 2014	50	S.R.N.M College, Sattur – 626203
	ICCTIDE- 16 IEEE International Conference on Computing Technologies and Intelligent Data Engineering	3 days 7 th – 9 th Jan - 2016	40	National Engineering College, K.R.Nagar
	4 th National Conference on Frontiers in Applied Sciences & Computer Technology	2 days 18-19 th March-2016	60	National Institute of Technology, Trichy -620015
	Teachers Enrichment Workshop for mathematics Teachers of Engineering Colleges	6 days 21-26 th Nov- 2016	62	IMSc,chennai
	4 th International Conference on Advanced Computing & Communication Systems	2 days 6 th – 7 th Jan - 2017	55	Sri Eshwar College of Engineering, Coimbatore
	Technology Enabled Teaching Learning process National Institute of Technical Teachers Training & Research	3 days 27 th – 29 th May - 2017	60	National Engineering College, K.R.Nagar
	Workshop on Numerical Linear Algebra	6 days 19-24 th Mar- 2018	35	IIT, Madras

	National Conference on Differential Equations and Dynamical Systems	5 th and 6 th of April 2019	120	NIT, Puducherry , Karaikal
	UGC sponsored Training of Teachers for Student induction programme	30-31 Oct 2019	300	Bharathiar University, Coimbatore.
	International Conference on Mathematical Modeling and Computational Methods in Science and Engineering(ICMMCMSE-2020	22-24 Jan 2020	200	Alagappa University, Karaikudi
	Online Workshop On Mathematical Sciences For Csir-Ugc Net Aspirants	19-23 May 20	65	St.Mary's College Thoothukudi
	Online Faculty Development Program on Applied Science and Humanities	14-18 Dec 2020	100	NIT, Puducherry , Karaikal
	Virtual Workshop on Mathematical Sciences for CSIR-UGC JRF/NET & GATE Aspirants	28.06.2021-02.07.2021	152	St.Mary's College Thoothukudi
	Faculty Development Programme on "OPTIMIZATION: The OMNIPRESENT"	4 – 9 February2022	200	Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi

2. Journal Publications

S.No	Title of the Paper	Name of the Journal	Vol.No & Page No.	Month & Year
	Analyze the likelihood interval optimality level of bulk arrival fuzzy queueing system	I EEE	URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8014717&isnumber=8014556	August 2017
	Predictor analysis on non-parametric Bulk service fuzzy Queueing system	Global Journal of Technology and optimization	vol8:212, 2017	May - 2017
	Steady State Analysis in n failure of k phase (n, k) replacement Queueing system in matrix method	Global Journal for Research Analysis	Vol- 7, Issue 2	Feb - 2018

	Mathematical Model description and Statistical analyse on residual waiting time in k-Phase Erlang queueing	International Journal of Applied Mathematics and Statistics™	Volume 57, Issue Number: 5	May - 2018
	Forecasting the outbreak and spread of COVID-19 in India and Tamilnadu using logistic growth and SIR models	AIP Conference Proceedings I EEE	https://doi.org/10.1063/5.0078248	March - 2022

3. International Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1	Predictor Analysis of the Non-Parametric Bulk Arrival Queueing System	Advanced Computing and Communication Systems	Sri Eshwar College of Engineering, Coimbatore	Jan'2017
2.	Mathematical modeling on minimizing the waiting time in (i,j) preemptive priority queueing system	International Conference on Mathematical Modeling and Computational Methods in Science and Engineering(ICM MCMSE-2020	Alagappa University, Karaikudi	Jan'2020

4. National Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1.	A Role of Statistical Interference on K-policy - Generalized Erlang queueing Model	4th National Conference on Frontiers in Applied Sciences & Computer Technology	NIT, Trichy	May, 2016